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Application No. 09/510,167

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method to program a printer, comprising steps of:
initiating a save conflict mode; and
saving a user defined conflict by one of storing user specified print job attributes in a conflict list while in the save conflict mode and storing user specified conflict attributes based on ~~the user specified~~ print job attributes while in the save conflict mode, the user specified conflict attributes including at least one of a policy, a capability and a constraint;

wherein the user specified print job attributes and the user specified conflict attributes specify a conflict condition that is not available as a priori information.
2. (Currently Amended) The method of claim 1, wherein ~~the step of~~ storing print job attributes includes saving at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
3. (Currently Amended) The method of claim 1, wherein ~~the step of~~ initiating a save conflict mode includes:
receiving from a user at least one print job attribute that causes a conflict; and
recognizing a user initiated save conflict mode command.
4. (Currently Amended) The method of claim 3, wherein ~~the step of~~ initiating a save conflict mode further includes verifying that the user is an authorized user.
5. (Currently Amended) A method to use a printer that has been programmed according to the method of claim 1, the method comprising steps of:
receiving from a user at least one job attribute that causes a conflict; and

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checking the at least one received job attribute against the stored print job attributes.

6. (Currently Amended) The method of claim 5, further comprising ~~steps of:~~
determining whether a conflict condition exists; and
displaying a conflict message when the conflict condition is determined to exist.
7. (Currently Amended) The method of claim 6, further comprising ~~steps of:~~
initiating a delete conflict mode; and
deleting the stored print job attributes from the conflict list.
8. (Currently Amended) The method of claim 7, wherein ~~the step of~~ initiating a delete conflict mode includes recognizing a user initiated delete conflict mode command.
9. (Currently Amended) The method of claim 8, wherein ~~the step of~~ initiating a delete conflict mode further includes verifying that the user is an authorized user.
10. (Currently Amended) The method of claim 1, wherein ~~the step of~~ storing conflict attributes includes formulating the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
11. (Currently Amended) The method of claim 10, wherein ~~the step of~~ storing conflict attributes includes reinitializing a scheduler after storing the conflict attributes.
12. (Currently Amended) A method to use a printer that has been programmed according to the method of claim 1, the method comprising ~~steps of:~~
receiving from a user at least one job attribute that causes a conflict; and
checking for an itinerary to process a sheet according to the at least one received job attribute.

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13. (Currently Amended) The method of claim 12, further comprising ~~steps of:~~
determining whether an itinerary is unavailable due to a conflict condition; and
displaying a conflict message when the itinerary is unavailable due to a
conflict condition.

14. (Currently Amended) The method of claim 13, further comprising ~~steps of:~~
initiating a delete conflict mode; and
deleting the stored conflict attributes.

15. (Currently Amended) The method of claim 14, wherein ~~the step of~~ initiating a
delete conflict mode includes recognizing a user initiated delete conflict mode command.

16. (Currently Amended) The method of claim 15, wherein ~~the step of~~ initiating a
delete conflict mode further includes verifying that the user is an authorized user.

17. (Currently Amended) The method of claim 14, wherein ~~the step of~~ deleting
the stored conflict attributes includes reinitializing a scheduler after deleting the stored
conflict attributes.

18. (Currently Amended) A printer comprising a processor and a plurality of
modules to control the processor, wherein the modules include:

a module to initiate a save conflict mode; and

one of a module to store user specified print job attributes in a conflict list
while in the save conflict mode and a module to store user specified conflict attributes based
on ~~the user specified print job attributes~~ while in the save conflict mode, the conflict attributes
including at least one of a policy, a capability and a constraint;

wherein the user specified print job attributes and the user specified conflict
attributes specify a conflict condition that is not available as a priori information.

19. (Original) The printer of claim 18, wherein the module to store print job
attributes includes logic to save at least one of an enlargement/reduction parameter, an

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orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

20. (Original) The printer of claim 18, wherein the module to initiate a save conflict mode includes:

logic to receive from a user at least one print job attribute that causes a conflict; and

logic to recognize a user initiated save conflict mode command.

21. (Previously Presented) The printer of claim 20, wherein the module to initiate a save conflict mode further includes logic to verify that the user is an authorized user.

22. (Original) The printer of claim 18, further comprising:

a module to receive from a user at least one job attribute that causes a conflict; and

a module to check the at least one received job attribute against the stored print job attributes, the modules to initiate and store being operated before the module to receive.

23. (Original) The printer of claim 22, further comprising:

a module to determine whether a conflict condition exists; and

a module to display a conflict message when the conflict condition is determined to exist.

24. (Original) The printer of claim 23, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored print job attributes from the conflict list.

25. (Original) The printer of claim 24, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

26. (Previously Presented) The printer of claim 25, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

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27. (Original) The printer of claim 18, wherein the module to store conflict attributes includes logic to formulate the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
28. (Original) The printer of claim 27, wherein the module to store conflict attributes includes logic to reinitialize a scheduler after storing the conflict attributes.
29. (Original) The printer of claim 18, further comprising:
a module to receive from a user at least one job attribute that causes a conflict;
and
a module to check for an itinerary to process a sheet according to the at least one received job attribute.
30. (Original) The printer of claim 29, further comprising:
a module to determine whether an itinerary is unavailable due to a conflict condition; and
a module to display a conflict message when the itinerary is unavailable due to a conflict condition.
31. (Original) The printer of claim 30, further comprising:
a module to initiate a delete conflict mode; and
a module to delete the stored conflict attributes.
32. (Original) The printer of claim 31, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.
33. (Previously Presented) The printer of claim 32, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

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34. (Original) The printer of claim 31, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.

35. (Currently Amended) A computer readable media to control a processor of a printer, the media comprising a plurality of modules to control the processor, wherein the modules include:

a module to initiate a save conflict mode; and

one of a module to store user specified print job attributes in a conflict list while in the save conflict mode and a module to store user specified conflict attributes based on the user specified print job attributes while in the save conflict mode, the conflict attributes including at least one of a policy, a capability and a constraint;

wherein the user specified print job attributes and the user specified conflict attributes specify a conflict condition that is not available as *a priori* information.

36. (Original) The media of claim 35, wherein the module to store print job attributes includes logic to save at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

37. (Original) The media of claim 35, wherein the module to initiate a save conflict mode includes:

logic to receive from a user at least one print job attribute that causes a conflict; and

logic to recognize a user initiated save conflict mode command.

38. (Previously Presented) The media of claim 37, wherein the module to initiate a save conflict mode further includes logic to verify that the user is an authorized user.

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39. (Original) The media of claim 35, further comprising:
a module to receive from a user at least one job attribute that causes a conflict;
and
a module to check the at least one received job attribute against the stored print job attributes, the modules to initiate and store being operated before the module to receive.
40. (Original) The media of claim 39, further comprising:
a module to determine whether a conflict condition exists; and
a module to display a conflict message when the conflict condition is determined to exist.
41. (Original) The media of claim 40, further comprising:
a module to initiate a delete conflict mode; and
a module to delete the stored print job attributes from the conflict list.
42. (Original) The media of claim 41, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.
43. (Previously Presented) The media of claim 42, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.
44. (Original) The media of claim 35, wherein the module to store conflict attributes includes logic to formulate the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
45. (Original) The media of claim 44, wherein the module to store conflict attributes includes logic to reinitialize a scheduler after storing the conflict attributes.
46. (Original) The media of claim 35, further comprising:
a module to receive from a user at least one job attribute that causes a conflict;
and

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a module to check for an itinerary to process a sheet according to the at least one received job attribute.

47. (Original) The media of claim 46, further comprising:

a module to determine whether an itinerary is unavailable due to a conflict condition; and

a module to display a conflict message when the itinerary is unavailable due to a conflict condition.

48. (Original) The media of claim 47, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored conflict attributes.

49. (Original) The media of claim 48, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

50. (Previously Presented) The media of claim 49, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

51. (Original) The media of claim 48, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.